

State of  
California

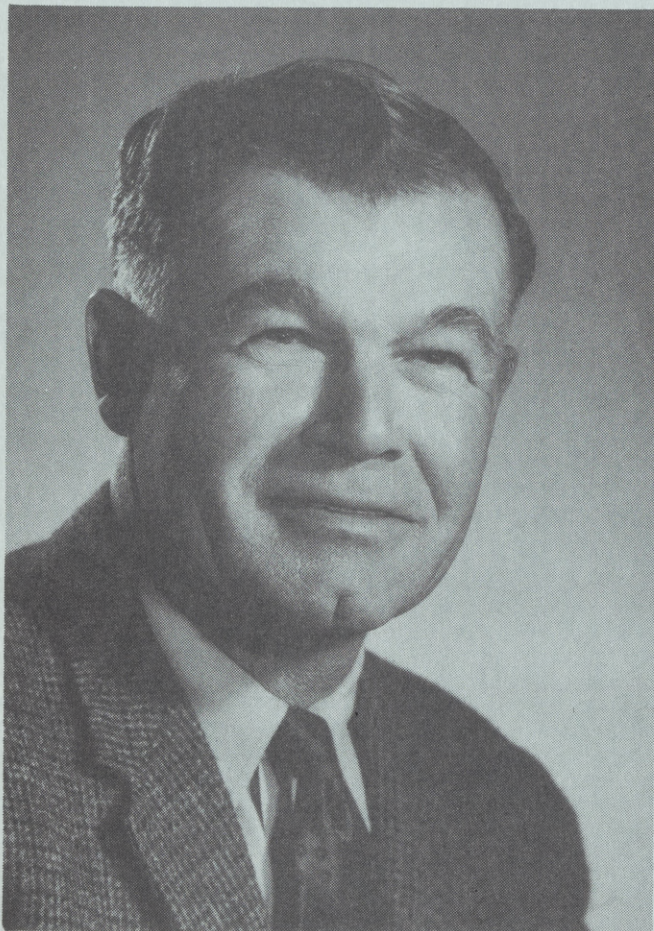
THE RESOURCES AGENCY  
DEPT. OF CONSERVATION

DIVISION OF FORESTRY

# NEWS LETTER

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STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF CONSERVATION  
**DIVISION OF FORESTRY NEWS LETTER**


Published monthly in Sacramento for and by Division personnel. Its pages contain current facts, problems, and events relating to Forestry and to the experiences of Division personnel.


F. H. RAYMOND - STATE FORESTER

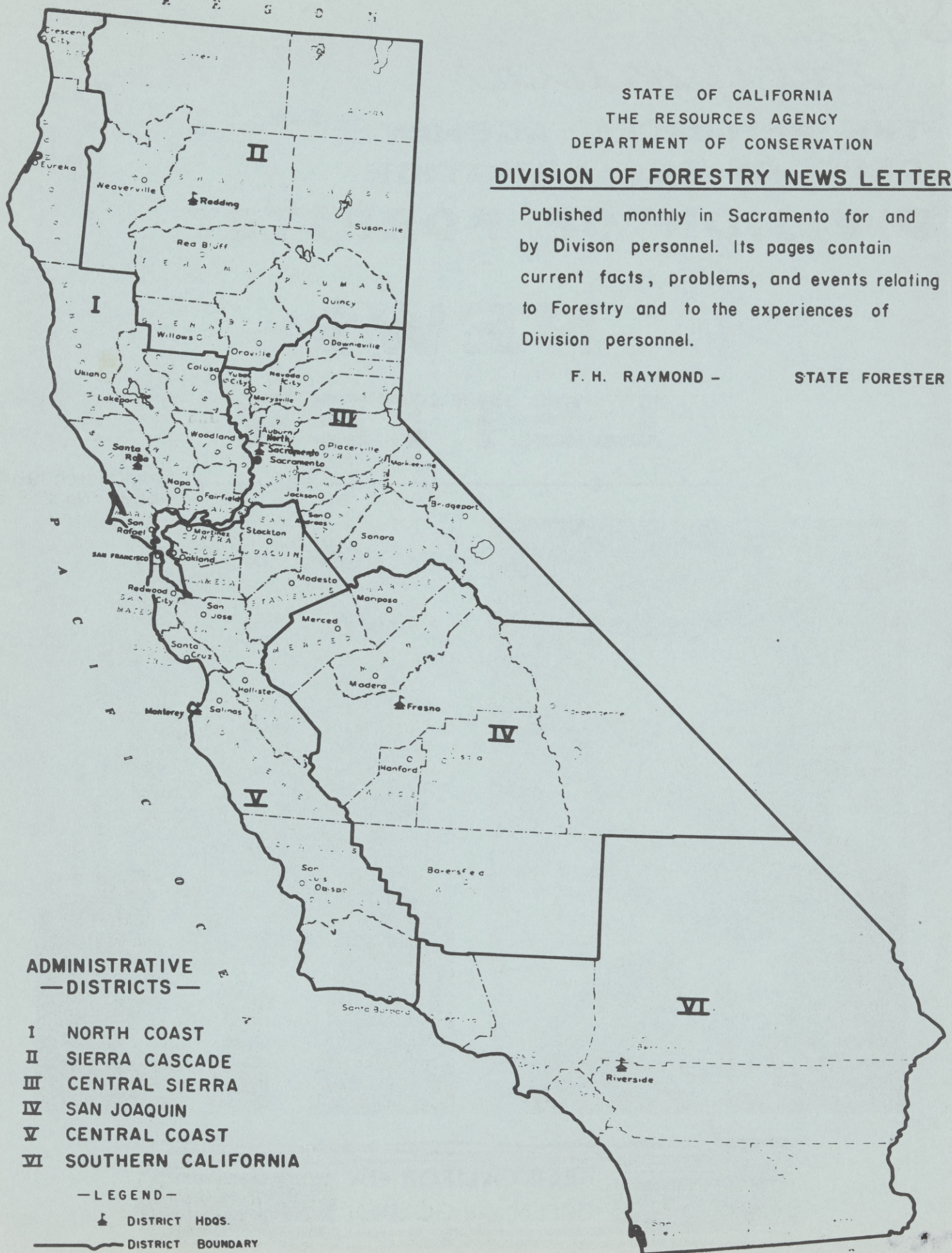
**ADMINISTRATIVE  
—DISTRICTS—**

- I** NORTH COAST
- II** SIERRA CASCADE
- III** CENTRAL SIERRA
- IV** SAN JOAQUIN
- V** CENTRAL COAST
- VI** SOUTHERN CALIFORNIA

**—LEGEND—**

 DISTRICT HDQS.

 DISTRICT BOUNDARY





## COVER PHOTO

The State Board of Forestry members reappointed for four-year terms by Governor Edmund G. Brown. Left, Paul Aurignac of San Ardo in Monterey County. Right, Frank C. Myers of Fallbrook in San Diego County.

Paul Aurignac represents the Range Livestock Industry and has been on the Board since 1960. Aurignac was born in France in 1909, and migrated to the United States after graduation from college in Toulouse. He is owner and manager of the 43 Ranch in Monterey County. He is also a member of the State Chamber of Commerce Agricultural Committee, University of California Agronomy Advisory Committee, on the Monterey County Water Commission, Vice-Chairman of the Wild Game and Public Lands Use Committee of the California Farm Bureau Federation, and is Chairman of the Southern Monterey County Fire Prevention and Fire Control Committee.

Brigadier General Frank C. Myers, United States Marine Corps, Retired, represents Agriculture and has been on the Board since 1960. General Myers was born in Onawa, Iowa, and came to California in 1922, as a surveyor. The General is a 35-year member of the American Society of Civil Engineers and Chairman of the Fallbrook Public Utility District. General Myers was in the Marines in both World War I and World War II and was Shore Party Commander for the assault on Okinawa. He spent most of his career as an engineer and since 1953, owned and managed an avocado grove in San Diego County.

Responsibilities assigned to the Board of Forestry include: representing the State's interest in the management of State Forests; representing the State's interest in federal land matters pertaining to forestry; and protecting of the State's interests in forest

resources on private lands. It is charged with determining, establishing, and maintaining an adequate forest policy. It also determines general policies for the guidance of the California Division of Forestry.

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## JANUARY ACTIVITIES

### OAK GLEN FORESTRY YOUTH CAMP FULLY OPERATIONAL

The Board of Directors of the California Youth Conservation and Training Program met on January 10 at the Oak Glen Forestry Youth Camp to inspect facilities and operations and study reports on all phases of the program.

On November 1, 1963, the first contingent of 25 youths were accepted at the Oak Glen Forestry Youth Camp. By December 1 the camp quota of 100 was to have been reached. Terminations, primarily dropouts from homesick youths in the 16-year age group, kept the camp population fluctuating between 80 and 100.

Immediately upon acceptance at camp each youth's physical needs (food, clothing, and shelter) are taken care of and within a day or two he becomes part of a crew doing productive work either in camp or in the surrounding forest.

On January 13 the educational aspect of the program was initiated with some 49 Youth Trainees enrolled in classes of basic arithmetic and english, and in reading improvement.

The California Youth Conservation and Training Program became fully operational with the inclusion of classroom academic training.

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## INSECT ACTIVITY LOWER

Pine beetles, active at epidemic levels in the Central Sierra for the past three years, are diminishing in number in at least some parts of the Sierra. This is the consensus of California Division of Forestry, U. S. Forest Service, and private industry foresters who spot checked some of the areas where the tree killing beetles have been active in the past.

Timber losses expected during 1964 from insects are estimated at between \$25 and \$30 million, down at least \$10 million from the record years of 1959, '60, '61, when epidemics of western pine beetles were killing more than a million merchantable size trees a year.

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## MID-WINTER FIRE PROBLEMS

Fires were a problem in Southern California and along the Central Coast during the early part of January. On January 4, a brush fire burned 35 acres in Monterey County before it was contained. On the 5th, a 12-acre timber fire erupted in Santa Cruz County. Nearly a hundred vehicle and structures fires were extinguished in Southern California in the watershed areas without loss of brush or timber acreage.

By mid-January, rain and snow brought the fire danger back to normal for mid-winter.

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## FEBRUARY ACTIVITIES

### ENFORCEMENT OF LOGGING REGULATIONS STEPPED UP

The Department of Conservation's Division of Forestry Law Enforcement Section reports greatly increased activity in enforcement of timber harvesting regulations as a result

of Legislation (S. B. 565) enacted in 1963.

Since the first of the year, forest inspectors have filed criminal complaints against two timber operators in the Central Sierra Region, and three from the North Coast Region. One Sierra operator was fined \$110.00, given a 10-day suspended jail sentence, and put on two years probation. The other was given two years probation. In both cases the operators were required to correct all previous forest practice rule violations before permits were issued to engage in logging.

One of the North Coast timber operators failed to appear after posting \$550 bail. A bench warrant was issued for his arrest. The other two North Coast cases will be heard in the near future.

In administrative action, under provisions of the Forest Practice Act as strengthened by last year's legislation, 16 operators were denied Timber Operator's Permits required of all commercial loggers for previous forest practice rule violations. Four of the operators have corrected past violations and were issued permits. Seven operators have corrective action underway and will be issued permits when it is completed. In two cases, administrative hearings are set and three of the operators failed to contest the permit refusal and are presumably out of business.

Five other cases of forest practice rule violations committed in 1963 will be re-inspected by foresters as soon as the snow pack melts to the point where they can reach the logged areas. If inspections show logging rule violations still exist, the cases will be forwarded to the Attorney General's Office with the request that Timber Operator's Permits be revoked.

All violations were of fire prevention or soil erosion prevention practices or reforestation requirements.

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#### MID-WINTER FOREST FIRE SEASON

Forest fire activity during February was well above normal in all areas of the State protected by the Department of Conservation's Division of Forestry. Some 80 fires burned more than 1,200 acres of timber and watershed. This compares with 26 fires and 30 acres burned in February, 1963. February average for the last five years was 23 fires and 140 acres burned.

Most of the fires were a result of careless debris burning without proper consideration of the unseasonably warm, dry, and windy weather which characterized most of the month. Winds of 20 to 40 miles per hour were common in most areas of the State and Southern California had extremes of 80 to 100 miles per hour.

During the last two weeks of February, planting of forest seedlings was discontinued along the Central Coast because of unseasonable weather drying the ground to the point where the young trees couldn't survive.

Another problem created by the unseasonable weather was that forest fire dispatchers throughout the northern part of the State were plagued with false alarm calls from people reporting legal controlled brush and slash burning. With fire permits not required until April 1st, each call had to be checked out to determine if it was in reference to legal burning or an uncontrolled fire.

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#### FIRE PREVENTION EFFORTS TO BE STEPPED UP

Arsonists were responsible for 19% of the man-caused forest fires that broke out during 1963 in the area protected by the Department of Conservation's Division of Forestry, according to a report prepared for the Federal Government. Direct damages attributed to 170 of the 462 incendiary fires was

\$48,724, and 14 personal injury incidents. Fire suppression costs were \$102,209 on the 170 fires. Reports on the other 292 incendiary fires have not been thoroughly analyzed.

The Division of Forestry hopes to nearly double its staff of Fire Prevention Officers by adding eight new positions to reduce forest fire losses from this and other causes.

Forest fire loss from all causes has been running between \$.5 million and \$3 million annually in timber and range. No formula has been developed to place a dollar value on aesthetic values, on loss of topsoil, or on increased flood potential from forest fires.

Smoking lead all causes of forest fires in 1963 with 623, incendiary second with 465, machine use third with 460, and careless debris burning fourth with 331.

Legislation enacted in 1963 requiring cleanup around all mountain structures, setting standards for spark arresters and requiring their use, authorizing rewards for information leading to the conviction of arsonists, prohibiting throwing glowing substances from vehicles, and prescribing other safeguards in the use of fire and fire-causing agents is expected to materially reduce the number of forest fires in California if qualified personnel are available to administer the new regulations.

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#### AUTOMATIC WEATHER REPORTING DEVICE TESTED

Automatic weather telemetering equipment was installed in February at the Department of Conservation's Division of Forestry Ranger Unit Headquarters on Mt. Danaher in El Dorado County.

The station automatically samples fire weather elements - temperature, wind speed and direction, barometric



pressure, and humidity - every hour and transmits the information by teletype to the receiving station. To get "instant weather" between the regular hourly readings, the only effort required is pushing a manual control button.

The present automatic weather station was loaned to the Division of Forestry by a Bay Area instrument company to test the reliability of weather sensors and telemetering components.

Automation of fire weather reporting stations would not put anyone out of a job. If automation in gathering and transmitting fire weather information proves practical, weather stations can be located where they would gather the most significant information, rather than the present system, placing them at locations where someone is available to take readings and phone or radio the information to a forecasting center.

And end result of complete automation in gathering fire weather data would be greatly increased accuracy in forecasting weather conditions.

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#### REFORESTATION TO STABILIZE BULL CREEK

The High Rock Conservation Camp in Humboldt County reports planting 37,000 fir trees and 15,000 willows in a reforestation project along Bull Creek. At least 70,000 trees are expected to be planted by the end of March.

This is part of a cooperative project engaged in by the Division of Beaches and Parks and the Department of Conservation's Division of Forestry, utilizing inmate labor made available through the Department of Corrections to reduce soil erosion and flood

peaks threatening the giant redwoods along Bull Creek.

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#### MODOC COUNTY TIMBER THREATENED

Landowners and government agencies met in February to plan a battle against outbreaks of white fir sawfly and Douglas fir tussock moth in Modoc County. These forest tree-killing pests are reaching epidemic proportions in 3 to 4 thousand acres of timber in the Knox Mountain area of Modoc County.

The State Board of Forestry will be requested to declare the area a zone of insect infestation so that the Department of Conservation's Division of Forestry can assist private landowners in the area with crews and funds in the fight to keep the epidemic from spreading.

Present plans call for the use of DDT to eliminate these dangerous forest pests. A native virus, deadly to the forest pest, but harmless to all other forms of life, will also be used experimentally in efforts to reduce forest tree losses from further outbreaks of the sawfly and the tussock moth.

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#### ANOTHER SAFEGUARD FROM INSECTICIDES

The Northwest Forest Pest Action Council announced researchers are working on a two-step plan of forest insect control.

First, use aerial spray in the usual manner, then remove the insecticides after its work has been done. Removal would be accomplished by activated charcoal "absorbers" placed in streams to pick up insecticides that accidentally get into them.

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(Left to right - J. K. Mace, T. J. Henson, Cab Brown)

#### FORESTER HONORED FOR DEDICATED SERVICE

Clarence A. "Cab" Brown, has received a twenty-five year service award. He was honored at a ceremony in Riverside on February 24, 1964. Brown is Forestry Superintendent at the Rainbow Conservation Camp near Fallbrook in San Diego County. Superintendent Brown has been working for the California Division of Forestry since 1933, when he was an Assistant Leader in a Civilian Conservation Corps Camp at Monrovia in Los Angeles County.

In making the presentation J. K. Mace, Deputy State Forester, said "Cab's" career has been dedicated to working in the southern California area. Brown was Supervisor of Rainbow in 1947. This was the first camp in a program that now includes thirty-two camps and personnel and inmates numbering in the thousands.

Brown's years with the Division of Forestry have included such assignments as Forest Fire Lookout, Dispatcher, Crew Foreman, and Assistant State Forest Ranger.



## PERSONNEL CHANGES

### ADMINISTRATION

1-1-64 Lloyd E. Stahl, Assistant Forest Technician, changed location from Humboldt County to Davis Nursery.

2-3-64 Robert Bow, Jr., Engineering Aid II, went on indefinite military leave.

2-13-64 Ann Mosley, Senior Stenographer in Business Management, went on one year leave of absence.

2-14-64 Edan Keane, Intermediate Typist Clerk in Fire Control, accepted promotion with Division of Highways.

### DISTRICT I

1-1-64 Richard C. Odneal, Forestry Work Project Foreman, Konocti Conservation Camp, has received a permanent appointment after working on a TAU basis.

1-24-64 James L. Howe, Forestry Work Project Foreman, Alder Camp, has resigned to accept a position with Beaches and Parks.

1-30-64 Agnes L. Sundquist, Intermediate Stenographer, District Headquarters, has resigned to accept a position with Industrial Relations.

2-10-64 Eric W. Ronback, Jr., Forest Fire Truck Driver, Napa County, has resigned to accept a position with Napa State Hospital.

12-31-63 John C. Thom, Forest Fire Truck Driver, Lake County, has resigned.

1-31-64 John C. Rosasco, has been reinstated as Forest Firefighter Foreman, Humboldt County, on his return from a leave of absence.

1-31-64 Carol J. Naumann has been appointed as Intermediate Stenographer, District Headquarters.

2-4-64 David F. Falleri, Forest Firefighter Foreman, Mendocino County, has been granted an indefinite military leave.

2-13-64 Norene E. LeCave, Intermediate Account Clerk, has transferred from District Headquarters to the Department of Mental Hygiene, Sonoma State Hospital.

2-3-64 Bruce E. McKeen, Forest Fire Truck Driver, Lake County, has been granted an indefinite military leave.

2-10-64 James M. Crowley has been reappointed as a Forest Fire Truck Driver, Mendocino County.

2-3-64 LeRoy Hood has been promoted from Forestry Equipment Operator in District V to Forestry Work Project Foreman, Humboldt County, High Rock Conservation Camp.

### DISTRICT II

12-1-63 Clarence W. Mason was promoted to State Forest Ranger I, Lassen County, from Forestry Superintendent Conservation Camp, Butte County.

1-15-64 Don C. Banghart was promoted to Forestry Work Project Foreman, Tehama County, from Forest Firefighter Foreman, Tehama County.

1-20-64 Raymond R. McRae, Forest Fire Truck Driver in Tehama County was reinstated after a military leave of absence.

1-20-64 Lester H. Stone was appointed as a Forestry Equipment Operator in Shasta County.

1-30-64 Gail W. Spohn, Forest Fire Truck Driver, Shasta County, took an indefinite military leave of absence.

1-31-64 Joseph M. Gonzales was promoted to Forestry Work Project Foreman, Lassen County, from Forest Firefighter Foreman, Calaveras County, District III.



1-31-64 Fred L. Clements, Jr. was reinstated as Forest Firefighter Foreman in Lassen County, from a TAU appointment as Forestry Work Project Foreman, Lassen County.

1-31-64 Carl H. Schroeder, Forest Fire Truck Driver in Tehama County went on an educational leave of absence.

2-4-64 Walter J. Priddy was appointed as Forest Fire Truck Driver, Shasta County.

2-10-64 Ruth A. McHugh, Intermediate Stenographer in Shasta County, deceased.

#### DISTRICT III

1-1-64 James L. Barnhart, Associate State Forest Ranger, changed location from Placer to Sacramento County.

1-1-64 Howard G. Joines, Forest Fire Truck Driver, changed location from Nevada to Placer County.

#### DISTRICT IV

1-1-64 Jeff D. Hawkins, Forest Firefighter Foreman, transferred from Madera to Fresno County.

1-1-64 Jerry D. Jennings, Forest Firefighter Foreman, transferred from Tulare to Mariposa County.

1-1-64 Andrew Van Rillaer, reinstated as Forest Firefighter Foreman from military leave in Fresno County.

1-1-64 Gerard Logan, Forest Firefighter Foreman, transferred from Fresno to Madera County.

1-31-64 Delwin Brandt, Forestry Work Project Foreman, transferred from Fresno to Madera County.

1-1-64 Earl J. Swartzlander, Assistant State Forest Ranger, transferred from Tulare to Mariposa County.

1-13-64 Alice Warkentin, appointed as Intermediate Stenographer in Fresno District Office.

12-31-63 Mary T. Wilson, resigned as Intermediate Stenographer in Fresno District Office.

12-16-63 Bill D. Sturdivant, Forestry Work Project Foreman appointed CS from TAU in Tulare County.

1-30-64 Francis D. Brown, Forest Fire Truck Driver, resigned in Tulare County.

1-31-64 Frank Weatherford appointed as State Forest Ranger I in Mariposa from Associate State Forest Ranger in Mendocino County.

#### DISTRICT V

1-20-64 Ophell B. Clodgo appointed as an Intermediate Stenographer, Monterey County.

1-20-64 Lloyd J. Hartzell appointed as Forest Fire Truck Driver, Santa Clara County.

1-13-64 Gerard F. Bradford appointed as a Forest Fire Truck Driver, San Luis Obispo County, laid off 1-27-64.

1-30-64 Robert A. Angle resigned as a Forest Fire Truck Driver, Monterey County.

1-1-64 Dennis W. Bamford, Forest Fire Truck Driver, San Luis Obispo County, was promoted to Forestry Work Project Foreman, San Bernardino County.

2-10-64 Douglas G. Brown was reinstated as a Forest Fire Truck Driver, San Mateo County.

2-5-64 LeRoy S. Richards separated as Fireman, SMC, San Mateo County.

2-6-64 Gilbert L. DeVincenzi resigned as Fireman, SMC, San Mateo County.

#### DISTRICT VI

1-31-64 Phoebe C. Duffield, resigned as Intermediate Stenographer in San Diego County.



1-31-64 Margaret Olive resigned as Intermediate Stenographer in Riverside County.

1-20-64 Stanley W. Runa appointed Automotive Maintenance Foreman in Orange County.

1-1-64 Stuart T. Thomas transferred from Riverside County to San Diego County, as Automotive Maintenance Foreman.

1-1-64 Lynn L. LaJoie transferred from San Diego County to San Bernardino County, Assistant Forestry Superintendent, Chino.

1-1-64 Dario A. De La Guerra promoted from Forestry Equipment Operator to Forestry Work Project Foreman in San Diego County.

1-1-64 George T. Meers promoted from Forest Firefighter Foreman to Forestry Work Project Foreman in San Bernardino County.

1-15-64 Charles White promoted from Forest Fire Truck Driver in Fresno County to Forestry Work Project Foreman in San Bernardino County.

1-15-64 Ava L. Greer promoted from Forest Fire Truck Driver in Fresno County to Forestry Work Project Foreman in San Bernardino County.

1-15-64 Arthur Tranberg promoted from Forest Firefighter Foreman in Fresno to Forestry Work Project Foreman in San Bernardino County.

1-1-64 Stanley Overton promoted from Forestry Work Project Foreman in San Bernardino to Assistant State Forest Ranger in Orange County.

1-15-64 James R. Weber promoted from Forest Fire Truck Driver to Forest Firefighter Foreman in Riverside.

2-1-64 Edwin A. Hedding promoted from Forest Firefighter Foreman to Forestry Work Project Foreman in Riverside County.

1-31-64 Alvin A. Riddle transferred from Riverside County to San Diego County, Forestry Work Project Foreman.

2-1-64 Leslie R. Kinsey promoted from Forest Firefighter Foreman to Forestry Work Project Foreman in Riverside County.

1-31-64 Ron E. Green promoted from Forest Firefighter to Forest Fire Truck Driver in San Bernardino County.

1-1-64 Robert L. Honaker returned from military leave of absence as Forest Fire Truck Driver in San Diego County.

1-1-64 Henry H. Koehl transferred from San Bernardino to San Diego County, Forestry Equipment Operator.

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WATERSHED EXPERT ASSIGNED IN PACIFIC  
SOUTHWEST FOREST AND RANGE EXPERIMENT  
STATION

Earl G. Dunford, Chief of Watershed Management Research for the U. S. Forest Service in Portland, will be assigned to the Pacific Southwest Forest and Range Experiment Station in Berkeley to head up range, watershed, and wildlife research.

Dunford will move to Berkeley in June. He will serve as assistant to John R. McGuire, Director of the Station.

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STATE BUDGET

Approximately 2/3 of one percent of California's proposed budget of nearly \$3.7 billion for the Fiscal Year 1964-1965 is earmarked for the protection of State and privately-owned forests, range, and watershed.

Education will get about 43%, highway transportation about 21%, and health and welfare about 19%

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### U.S.F.S. SCIENTIST ASSIGNED TO SPEED PESTICIDE RESEARCH

George Downing, recently head of the insect biological evaluation section of the U. S. Forest Service, Regional Forester's Staff in San Francisco, has been appointed to head up the pilot testing phases of a new research and development program. His new headquarters will be the Pacific Southwest Forest and Range Experiment Station in Berkeley.

In his new assignment Downing will conduct both simulated and operational tests of methods and materials which prior research has shown might be effective against the target insects.

Downing's appointment, according to John R. McGuire, Director of the Station, is the second step in a broad investigation by the Forest Service aimed at speeding the development of safer, more specific, and more effective pesticides.

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### SBA-ARA LOANS

Fifteen sawmills were among the recipients of loans approved by the Small Business Administration during December, the SBA announced this week. Following are the firms and amount involved:

George Rose Lumber Co., Northport, Ala., \$210,000; Trinity Wood Products, Hayfork, California, \$25,000; Tyson Creek Mill So., Santa, Idaho, \$15,841; John A. McLeod, Deerton, Mich. \$20,000; Mabry Lumber Co., Derman, Miss., \$50,000; Davis & Symonds Lumber Co., Claremont, N.H., \$101,000; Blue River Veneer, Inc., Blue River, Ore., \$192,000; A. H. Larsen Lumber Co., Estacada, Ore., \$8,300; Orme Lumber Corp., Eugene, Oregon, \$13,884; White & Wingate, Duncannon, Pa., \$50,000; Hill Lumber Company, Inc., Curlew, Wash., \$260,000; Stanley Hardwoods Co., Port Ludlow, Wash., \$20,000; Landreth Timber Co., Inc., Tonsket, Wash., \$21,519; Woodland

Tie Co., Woodland, Wash., \$50,000; Mongold Lumber Co., Elkins, W. Va., \$50,000.

One plywood mill and seven wood product companies also received SBA-approved loans in December, as follows: Dolores Wood Products, Inc., Dolores, Colo., \$21,442; Central Millwork Co., Winter Park, Fla., \$12,000; Kankakee Wood Products Co., Inc., Kankakee, Ill., \$40,000; Adler-Kay Co., Inc., Detroit, Mich., \$225,000; Floyd W. Erickson, Wadena, Minn., \$35,600; Astoria Plywood Corp., Astoria, Ore., \$188,587; Plugs, Inc., Georgetown, S.C., \$18,000; Volunteer Specialty Co., Inc., Sparta, Tenn., \$75,000.

Meanwhile, the Area Redevelopment Administration announced approval of a \$973,532 loan to enable Hambro Forest Products, Inc., to establish a particleboard plant at Crescent City, Calif., and a \$50,900 loan to permit Trinity Wood Products to start a lumber molding mill at Hayfork, Calif. Trinity also was the recipient of an SBA loan.

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### TALLEST TREES OLDER KIN

Claims of biggest, oldest, tallest trees have been going on for years. Even in 1964 when some conservationists are sure all of our forests have been denuded, a new giant shows up. Of course we are sure of one thing - California has the tallest trees, the biggest trees, and the oldest trees!

But other areas have a few giants. One such is a Douglas-fir felled by wind on November 26, 1962, on Crown Zellerbach's Clastrop Tree Farm near Seaside, Oregon. It was officially measured at 15.8 feet in diameter at breast height and 200 feet 6 inches to a four-foot broken top. The trees age was estimated at 702 years - somewhat older than the famed redwoods of California's North Coast. And who is to say how tall this giant was before its top was broken off where the tree trunk still measured four feet through?

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## FORESTER HONORED FOR DEDICATED SERVICE



(Left to right: Harvey G. French, Assistant State Forest Ranger; Truman Holland, State Forest Ranger; James K. Mace, Deputy State Forester)

Harvey G. French, Assistant State Forest Ranger for the California Division of Forestry at Elsinore, received a twenty-five-year service award on February 24, 1964, in Riverside. Mr. French was honored at a ceremony where he was presented a pin and a certificate by J. K. Mace, Deputy State Forester, and Truman Holland, State Forest Ranger for Riverside County.

Assistant Ranger French started his career in 1936 when he was a Firefighter and Lookout in Orange County. He has worked up through the ranks to his present position which he has held since 1947.

Harvey and his wife Cheryl live at 410 West Graham Avenue, Elsinore. They met in 1944 in Perris, where Cheryl was working for the California Division of Forestry as a Dispatcher while so many men were in the military services.

Harvey has been in charge of the Elsinore Assistant Ranger District for the California Division of Forestry since 1947. The District comprises three fire control stations--Elsinore, which is the headquarters; Temecula, and Lakeland Village. The area for which Assistant Ranger French has fire control and administrative responsibility is bounded generally by Temecula on the south, to Glen Ivy on the north; and from the mountains west of Elsinore, east to Highway 395 and Scott Road.

During the years 1943 through 1946, Harvey served in the U. S. Marine Corps, 1st Marine Air Wing, in a Communications Unit. He was discharged as a Corporal in February, 1946, and returned to the California Division of Forestry.



#### SIERRA CLUB SELLS CONSERVATION BOOKS

The Sierra Club has sold \$370,000 worth of books on conservation. Their outlets include 700 book stores in 300 cities in 47 of the 50 states.

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#### HUGE MAN-MADE LAKE PROPOSED

The U. S. Corps of Engineers has proposed a man-made lake on the Yukon River in Alaska with some 10,500 square miles of surface area. This is about the total size of the State of Maryland and somewhat larger than the 9,881 square miles of land within Maryland exterior boundaries.

This is also about twice the size of Lake Erie, nearly eight times as large as the Great Salt Lake in Utah and more than 50 times the size of Lake Tahoe.

The lake was proposed for possible power use.

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#### WHAT'S BROWN, STOPS FOREST FIRES, AND MAKES \$45,000 A YEAR?

The Federal Government expects to earn about \$45,000 from Smokey the Bear, its guardian of the nation's forests, in the fiscal year ending June 30.

Although Smokey, used in public service advertising, belongs to the Government, Washington has contracted with several companies to turn out products in Smokey's name. The Government then gets from 3 to 5 per cent of the sales in royalties.

This has brought into Washington about \$25,000 annually from the sale of Smokey sweat shirts, books, cookies, stuffed animals, and other products. This fiscal year, however, the revenue is expected to jump another \$20,000.

The Government made a one-year contract with the Colgate-Palmolive Co. to make children's bubble-bath containers shaped like the bear. Sales surpassed all expectations. Smokey probably will have earned nearly \$1,000,000 for manufacturers in fiscal 1964.

The National Observer  
Washington, D. C.

#### Editorial Comment:

While Smokey may have earned nearly \$1 million for manufacturers and \$45 thousand for the Cooperative Forest Fire Prevention Program, by far the biggest beneficiary was the general public who have many millions of dollars worth of natural resources that would no longer be available for human use and pleasure without Smokey's help.

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#### HELP AVAILABLE FOR RESEARCH AND ADVANCED STUDY

Harvard University (for Cal. grad's that's the "other" one on the east coast) announces Fellowships in Forest Resources with stipends up to \$15,000 for research and advanced study. Fellowships are available to "men what show promise of making an important contribution, either as scholars or administrators, to forestry and forest management, these subjects defined in their broadest aspects - scientific, economic, political, administrative, and legal."

Advanced degrees are not necessary to qualify. The Division of Forestry Training Officer has details for those who are interested.

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PAINTING "TRIBUTE" GOES TO KENNEDY FAMILY



November 22, 1963, marked a great tragedy in the History of the United States. That day a President was taken from his family and country. The sorrow of the people was expressed in many ways.

On that day, artist William K. Peterson, 34130 Eureka Ave., Yucaipa, started a painting. His purpose was to somehow show the grief and sympathy of the people. The painting was finished the day our late President was layed to rest. Because of the brief time taken to complete this painting

it has received outstanding acclaim.

The work, titled "Tribute", depicts a rolling, pounding sea, crashing against huge rocks, on the shore. A sky of grey and blue is set with billowing pink and white clouds. In the clouds can be seen the portrait of John F. Kennedy.

"Tribute" received a great deal of comment at the 11th Annual San Bernardino Art Show, in December. The artist received numerous written and verbal requests from the public, that the picture should go to Mrs. Kennedy. Due



to this sentiment, the painting was put in the care of Mr. H. E. Reynolds, Congressman Sheppard's Representative for the San Bernardino area.

The temporary release document reads as follows:

I, William K. Peterson, on this 13th day of December, 1963, offer the oil painting "Tribute" as a donation to one of the following:

1. The immediate family of the late John F. Kennedy.
2. The John F. Kennedy Memorial Library.

I present this painting as a humble token of the deep feelings of myself, the people of California, and the Nation.

When Senator Edward Kennedy came to California in January, he spoke for the family and accepted the painting.

This work of art is now on its way to Washington, D. C., where a formal presentation will be made by Congressman Sheppard to the Kennedy family.

This artist is well known in the Southern California area. His work has appeared at Oxnard, Ventura, Santa Barbara, Laguna Beach, Redlands, San Bernardino, and Palm Springs.

Peterson is a Forest Firefighter Foreman with the California Division of Forestry. He joined the State Forestry in 1945, and except for service in Korea has been with them since. He is a Dispatcher in the San Bernardino Headquarters Office. Peterson is a purple heart veteran of the Korean conflict; raised and graduated from high school at Big Bear, California. The father of a son 7, and twins 2½.

Peterson wishes to thank all the wonderful people who expressed encouragement and appreciation, mainly, the employees of the California Division of Forestry and the California Disaster Office in San Bernardino County.

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#### NEW OFFICERS FOR THE SOCIETY OF AMERICAN FORESTERS

New officers elected for the Northern California Section of the Society of American Foresters are; Chairman, Tobe Arvola; Vice Chairman, Dr. Robert Calwell; Treasurer, Charles Abell. Dr. Ralph Hall was appointed Section Secretary, and William Dresser has again accepted the responsibility of editor of the Section Newsletter. Term of office is for two years starting March 1, 1964.

Arvola is a Deputy State Forester for the California Division of Forestry. Calwell is Professor of Forestry (photogrammetry) at the University of California, and Abell is a retired U. S. Forest Service employee. Dr. Hall is assigned to the Pacific Southwest Forest and Range Experiment Station and Dresser is in charge of a major information and education function with the U. S. Forest Service in San Francisco.

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#### LETTER TO STATE FORESTER RAYMOND FROM HOWARD NIELSEN, PRESIDENT, CALIFORNIA CHRISTMAS TREE GROWERS

"In behalf of the California Christmas Tree Growers, please accept our sincere thanks for allowing our group to make a guided tour of the California Forest Tree Nursery at Davis.

"We would like to commend you on the nursery; for its neat, efficient operation, and interested and courteous personnel. The tour and explanations were eminently interesting



and informative to the California Christmas Tree Growers of California. Attendance came from as far south as Ramona to Ukiah and Redding in the north. We feel the meeting was successful.

"The contribution the C.D.F. Nursery makes to the beauty and esthetics of our wonderful state I do not believe is fully realized by the general public. The effect of its product is relatively long in coming, and only then does the importance of an operation of this nature become fully evident. Good work, on relatively small budget.

"Forester Ronald Adams was general chairman for making the arrangements and program for the meeting. He did a swell job of it. We, in the Association, like Ronny. His sincerity and interest are catching, and I, for one, think the C.D.F. is fortunate having a man like Ronald Adams on their staff.

"The California Christmas Tree Growers now has a membership of 350 members, and they are thankful for the fine cooperation of the California Division of Forestry. The growers are planting trees, yes, for eventual Christmas trees, but many, many go far past that stage and end up as state beautification. Growing Christmas trees is the incentive.

"Please accept my personal appreciation for your cooperation."

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#### WHO WAS TENDING THE STORE (by C. R. Clar)

Papers of the late Judge Leon George Johnson of Placerville contain an army pass dated Sacramento, June 24, 1916. It was signed by Second Lieutenant Alexander Dodge. The "outfit" was the provisional gathering of a Machine Gun Company for the 2nd Infantry, California National Guard. The bad guys of the moment, it will probably not be remembered, were Pancho Villa and

his followers who were not unduly impressed with national borders.

A roster of February, 1916, reveals that from an infantry company, Privates Dodge and George M. Homans were selected for Machine Gun Company duty. Johnson's name does not appear. Be that as it may, Homans was the State Forester of California, Dodge was his Deputy, and Johnson had recently held the Deputy position. The State Forester's report of that year would therefore indicate that the entire regular working force of the so-called State Board of Forestry organization consisted of Assistant Forester J. D. Schoeller and two clerks.

It has long been recognized that wars of every degree down through the ages have provided an excellent opportunity for men to take honorable leave from nagging wives and other frustrations. Mr. Homans was not married, but he had more than enough job frustrations to cause him to stay away from Sacramento for a long time. In fact, he entered the Officer's Training Corps in the First World War.

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#### CHRISTMAS DAY ACT HELPS ARROWHEAD UNITED FUND.

On Christmas, San Bernardino Ranger Unit equipment took action on a house fire within the city limits because the local department was already involved on another fire. The home owner, Melville D. Harris, offered to make a contribution to the San Bernardino Unit employees fund to show his appreciation for the fine work done.

Ranger "Butch" Skinner suggested that Mr. Harris make his contribution to some charitable organization - he did. He donated a check to the Arrowhead United Fund as a token of his appreciation of the efforts of the San Bernardino Ranger Unit to save his house on Christmas Day.

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## DISTRICT II

District II Headquarters has been co-operating with the Forestry Class of Enterprise High School in Redding, during the past two semesters by showing films from the Division library.

## TRAINING

Ranger N. F. Nicholson, Lassen-Modoc Ranger Unit, and Ranger W. H. Brownlee, Central Sierra Training Center, attended a three-week course on advanced fire management at the U. S. Forest Service, Northern Zone Service Center, near Redding.

Several District II staff officers also had an opportunity to view and work with the fire simulator being used at the school.

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## IN MEMORIAM

Ruth A. McHugh, Intermediate Stenographer, at District II Headquarters, for the past 3½ years, passed away on February 10, 1964. She leaves her husband, Fred, of Redding; two sisters, Mrs. Beatrice Dixon of Huntington, Oregon, and Mrs. Murial Ferguson of Carlsbad; two brothers, Carl Smith of Portola, and Paul Smith of San Mateo.

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A conference with private landowners, U. S. Forest Service and Division of Forestry personnel participating, was held recently at District II Headquarters, to discuss the serious build-up of defoliating insects that has occurred in certain fir areas of Modoc County.

Proposed control actions were discussed and will be initiated against the white fir sawfly during 1964.

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Two, ½ acre evaporation ponds, each holding 480,000 gallons were added to

the Plum Creek Conservation Camp sewer system recently.

Each pond being capable of holding 30 days of accumulated waste water, is odor free, and relieves the strain on the original leach field at the camp site.

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Robert J. Rogers was appointed Civil Engineering Associate in District II. Before coming to the Division of Forestry, he worked several years for the Division of Highways as an Assistant Civil Engineer.

Bob and his wife, Sally, have four daughters.

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## CONSTRUCTION

After a 3-month layoff during the cold winter months, construction on the Assistant Ranger residence at Bieber Fire Control Station in northern Lassen County has been resumed.

The Butte Ranger Unit Headquarters warehouse at Oroville has been completed and the Tehama-Glenn Ranger Unit Headquarters warehouse foundation and floor slab poured.

Lassen Ranger Unit personnel and crews from Antelope Conservation Camp are blasting their way through 3,200 feet of nearly solid rock in some places to a depth of 17 feet, during the construction of the Susanville Headquarters sewer line. Using small charges of dynamite to avoid damaging nearby homes has kept construction at a very slow pace.

A new barracks, mess hall and equipment building are in the plans for 1964 at the Weed Fire Control Station in Siskiyou County. The station grounds, being quite large, has facilities for overnight trailer and tent camping among the pines for tourists. Garbage service in the



camping area is taken care of regularly by the City of Weed at no cost to the State.

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#### FOREST FIRES

Roadside debris burning being conducted by the Division of Highways, between Hayfork and Douglas City in Trinity County, escaped their control because of high winds on February 20th and several fires raced up the steep mountain sides, giving District II its first forest fire of 1964.

All of the fires, the largest attaining a size of 30 acres in heavy timber reproduction were brought under control by 2100 by 4 conservation camp crews, 2 Division of Forestry crews and 1 U. S. Forest Service crew.

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#### SHADES OF 1949

Noticeable in some areas, and particularly in Butte County, snow damage in some 2,000 to 3,000 foot elevation areas may contribute to the fire control problem through dead and down materials that help send a fire into campaign size easily and make it difficult to control without heavy equipment.

The end of January storm matted brush and broke tree tops similar to a storm in 1949; the '49 storm matted brush and down tree tops into a jungle over large areas and the 1950 fire season found control very difficult when fires did occur in these areas.

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#### RANGERS' MEETING HELD

A two-day Rangers' meeting was held January 29-30 at Butte Ranger Unit Headquarters in Oroville. In addition to District II personnel,

Chief Deputy State Forester Louis Moran, Training Officer Gervis Nash and Ranger Clinton Phillips from the State Forester's staff attended.

The Redwood Region Conservation Council (composed of those that formerly served in District I, or at least received one check while working on fires there, and who hasn't?) was convened by Chairman Ranger Charles Campbell, at 6:00 P.M. on the night of the 29th. An interesting program was presented by Chief Deputy Moran, followed by group discussions of various problems concerning the members.

Chief Deputy Moran stated that he was pleased with the enthusiasm displayed by the group and their interest in conservation.

Training Officer Nash was inducted into the Council and made an associate member. A trophy for his sportsman-like conduct was presented to Nash at the Rangers' meeting the next morning.

The recipient of an award, "The Award for the Most Likely and Outstanding," was won hands-down and without effort by Conservation Camp Superintendent Joe Caporusso.

Raymond R. Higgins  
Fire Prevention Officer

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#### DISTRICT IV

Frank Weatherford, formerly Associate Ranger in Mendocino Ranger Unit for the past six years, has been promoted to State Forest Ranger I in Mariposa Ranger Unit, effective January 31. He replaces Frank Crossfield, who is now Forest Fire Prevention Program Supervisor in Southern California.

Weatherford has worked in five of the Division's six districts since becoming an Assistant Fire Truck Driver in 1940.



Frank and his wife, LoRee, will reside with their three children in Mariposa. Their oldest son is a freshman majoring in Forestry at Humboldt State College.

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Walter Bolster reported on January 2 to his new assignment as Assistant Fire Prevention Officer in the District IV Headquarters office. Walter, for the past year, has been Assistant Ranger-Dispatcher in the Mariposa Ranger Unit, being promoted to Associate Ranger December 1, 1963.

Walt and his wife, Phyllis, and three daughters, Nikki, Debbie, and Sandi, invite their many State-wide friends to jot down this address - 3905 E. Gettysburg Avenue, and use it at their next visit to the State center city.

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#### LETTER PRAISES INYO-MONO CONSERVATION CAMP CREW

Forestry Superintendent John Clark was recently commended for the assistance given by the Inyo-Mono Conservation Camp crew on work projects at Bodie State Historic Park. Following is the text of a letter received from Norman J. Cleaver, Supervisor of Bodie State Historic Park:

"In appreciation of the many worthwhile accomplishments of the crew from Inyo-Mono Camp, may we express our most sincere thanks. To enumerate the many benefits to Bodie State Historic Park would fill pages. To each and every one who played a part in the work program at Bodie we are deeply indebted.

"It is my hope that as soon as weather permits we may again enjoy the association of personnel from Inyo-Mono and the splendid work of your crew."

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#### HUGO FISHER KEYNOTES SAN LUIS TREE PLANTING CEREMONY

Minutes of time are all it took to kickoff the beginning of recreational facilities as incorporated into the plan of California's vast westside water project. Hugo Fisher, Resources Agency Administrator, was the keynote speaker on February 19, at which time the first of 3,000 trees was planted on the San Luis project near Los Banos.

Under agreement with the Department of Beaches and Parks, Murietta Conservation Camp crews will plant the 3,000 mixed conifer and hardwood trees. The planting project which will take an estimated 5,000 man-hours covered a 20-acre recreational area on the west shoreline of the reservoir forebay. This is the first stage of a planned program of 13,000 trees to shade play and picnic areas around the forebay and at rest areas along the westside freeway and canal. At the tree planting ceremony, Fisher was assisted by State Senator James A. Cobey, representing Governor Brown, Master of Ceremonies Carl Stetson, Fresno Office of Water Resources, Emory O'Banion, Merced County Supervisor, and John Buchholz, Bureau of Reclamation.

Following the planting, an interesting tour was conducted over the massive San Luis project in conservation camp buses. The Department of Conservation and Division of Forestry were well represented by Department Director DeWitt Nelson, State Forester F. H. Raymond, Deputy Don Knowlton, Ranger Robert Moran, and Assistant Ranger Rex Griggs and Staff.

Walter Bolster  
Assistant Fire Prevention  
Officer

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#### DISTRICT VI

#### DIVISION OF FORESTRY ASSISTS THE CITY OF HEMET ON NOVEMBER 11, 1963

On November 11, 1963, at 1420 hours,



the Hemet City received a call that a service station was on fire on Florida Avenue, the Main Street of Hemet. As the Hemet Units left their quarters the smoke from this fire was plainly visible six blocks away. Upon their arrival they found that a large service station building was involved. This building also housed a garage and radiator shop. The City called for assistance approximately nine minutes after their arrival. The Division of Forestry sent three fire trucks; one State Fire Truck from the San Jacinto Station, and a County Unit from the Little Lake and Ryan Field Stations.

Upon arrival of the Division of Forestry units they found the two City Trucks were protecting a lumber company directly across Florida Avenue from the service station and they were directing lines on the burning building also in an attempt to control the fire. Luckily, there was a locomotive in the area and it came in behind the service station and removed two flat cars full of lumber that were only thirty feet from the involved building. This left a lumber yard and a gasoline bulk plant that needed protecting. Our three units were put in a position to protect these.

After the arrival of the Division of Forestry units, the City had the report of another fire approximately ten blocks from the service station fire. One of our units responded to this reported fire; however this was determined to be a false alarm. There was approximately \$43,000 damage in all which included some of the following:

Totally destroyed were two buses, twenty new tires, one hundred and twenty were recappable tires, one automobile, nine salvage cars, and the service station building itself. Damaged was one bus, one truck, and heat fractures of two large picture windows some eighty feet away from the fire.

This fire was believed to have been started after the attendant had

started filling a bus with gasoline and went to another part of the building expecting the automatic shut off to actuate when the gas tank became full. It was believed that when the gas flowed out of the tank of the bus that the vapors flowed through into the radiator repair shop or ignited from a torch in that area. This of course gave the fire a lot of fuel explaining the fast spread of the fire.

David L. Flake, Asst.  
State Forest Ranger

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#### ORANGE RANGER UNIT COMMENDED

The Orange County Grand Jury, in its 1963 report, commented on the Division of Forestry Orange Ranger Unit as follows:

##### "FIRE CONTROL AND FORESTRY"

"This department is unique in that it is a joint operation of the State of California and the County of Orange.

"It operates under a cooperative agreement with the State Division of Forestry headed by the District Ranger as Chief Fire Control Officer, as well as serving the County rural area with fire protection. Rescue and medical aid services of this department are efficiently handled, and the arrangement is unique and to be commended.

"It is most gratifying to us to see the manner in which State or County vehicles could be and were dispatched to fires, depending upon availability rather than area of responsibility. This cutting of red tape is most commendable.

"The administration and functioning of this department was one of the most efficient observed by this Committee.

"We also wish to compliment them on the fine way in which the roads and fire trails have been kept up at a



minimum cost to the taxpayer.

"Hard working personnel, enthusiastic leadership and the civic minded, well trained volunteer firemen at twenty-two stations throughout the County contribute to the success of this program. A lower tax rate and reduced fire insurance rates are the results of this fine cooperation.

"Taxpayers should be more appreciative of the many hours of service rendered by our volunteer fire-fighting group. The manner in which our County Forester utilizes these resources and the excellent cooperation demonstrated is highly commendable. The entire training program developed in this County is outstanding.

"We would also like to compliment this department on the fine job they have done in the Junior Ranger Fire Prevention Education Program. Fifteen thousand seven hundred and ninety fifth grade boys and girls participated in this program and were awarded diplomas and badges.

"This program was presented in 218 schools of the rural and urban areas of the County where the teaching of conservation, forest fire prevention, and the care of fire around the home has been made part of the school curriculum. In addition, they cooperated with the various City fire departments in bringing to the children the conservation and forest fire prevention aspects of the Junior Fireman Program.

"We recommend that more space should be secured for physical facilities at headquarters in Orange."

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